L Smit & Zoon

Yard No 829.

Profile & Deck etc

S.S. "NOORDZEE"
ROTT. 16715.

~~GEN. BOX No 820~~

L. Smit & Zn.

009139-009143-0090

N.V.
L. SMIT & ZOON's
DEC. 26.
Scheeps- & Werktuigbouw
KINDERDIJK
(Holland)

1ST LN = 120,5'×13,46' = 1622

2ND LN = 120,5'×(22,62'+13,46') = 4348.

$\frac{L}{D}$ = 120,5' : 13,46' 8,95.

B = 22,625'

D = 13,46'

d = 13,46' − 1,25 = 12,21'.

LONGITUDINAL SECTION
OF A STEEL SCREW TUG.

LLOYD'S CLASS ✠.100.A.1. "FOR TOWING SERVICES".

DIMENSIONS:

LENGTH B.P.P. 120'6".
BREADTH MLD. 22'7½".
DEPTH " 13'5½".

SCALE 1:88.

TANK DECK.
TUNNEL
BRIDGE
BEAMS 3½"×2½"×.28
DECK 2½" P.P.
FORECASTLE
BEAMS 3½"×2½"×.28
DECK 2½" P.P.
BULWARK STANCHIONS 1:25
FRAME 7
FRAME 19
FRAME IN FORE PEAK
ENGINE ROOM SKYLIGHT. 1:25
BULWARK STANCHIONS 1:25
CUT FRAMES AT TANK DECK. 1:25
5"×3"×.38
3"×3"×.26
3/4" RIVETS IN BRACKETS
5"×3"×.32
FLOORS IN ENGINE ROOM. 1:25
3/4" RIVETS
.36 INTERC.
2" WHITE PINE
FREEING PORT 38"×18"
FREEING PORT 18"×14"
FREEING PORT 28"×18"
STORE
OFFICERS
ENGINE ROOM.
COAL BUNKER
SIDE STRINGER
COAL BUNKER
WATERTANK
CREW
STORE
CHAIN LOCKER
WATER TANK
TUNNEL
W.T.B.
FLOORS .28
FLOORS .36
FLOORS .38
SIDE KEELSONS
1/4 L
1/2 L
1/4 L
BEAMS 4½"×3"×.32
DECK 3" P.P.
HATCH
ENTRANCE
ENGINE ROOM
HATCH
PASSAGE
COALBUNKER UNDER DECK
BOILER ROOM.
ENTRANCE
DECK 3" P.P.
HATCH
PASSAGE
COALBUNKER UNDER DECK

SCHIP **N° 829.**
CALOUE **N° 2668.**
BL.DRUK **N°**

JL 16-12-'26

C.B. Millar
23/12/26

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009139-009143-0090

L. Smit & Zoon

No 829.

Midship Section.

S.S. "NOORDZEE"
ROTT. 16715.

NON SOUFFLE

~~GEN. BOX No 820~~

009139-009143-0089

N.V.
L. SMIT & ZOON'S
DEC. 26.
Scheeps- & Werktuigbouw
KINDERDIJK
(Holland)

MIDSHIP SECTION
OF A STEEL SCREW TUG.

LLOYD'S CLASS ✠ 100. A. 1. "FOR TOWING SERVICES".

EQUIPMENT

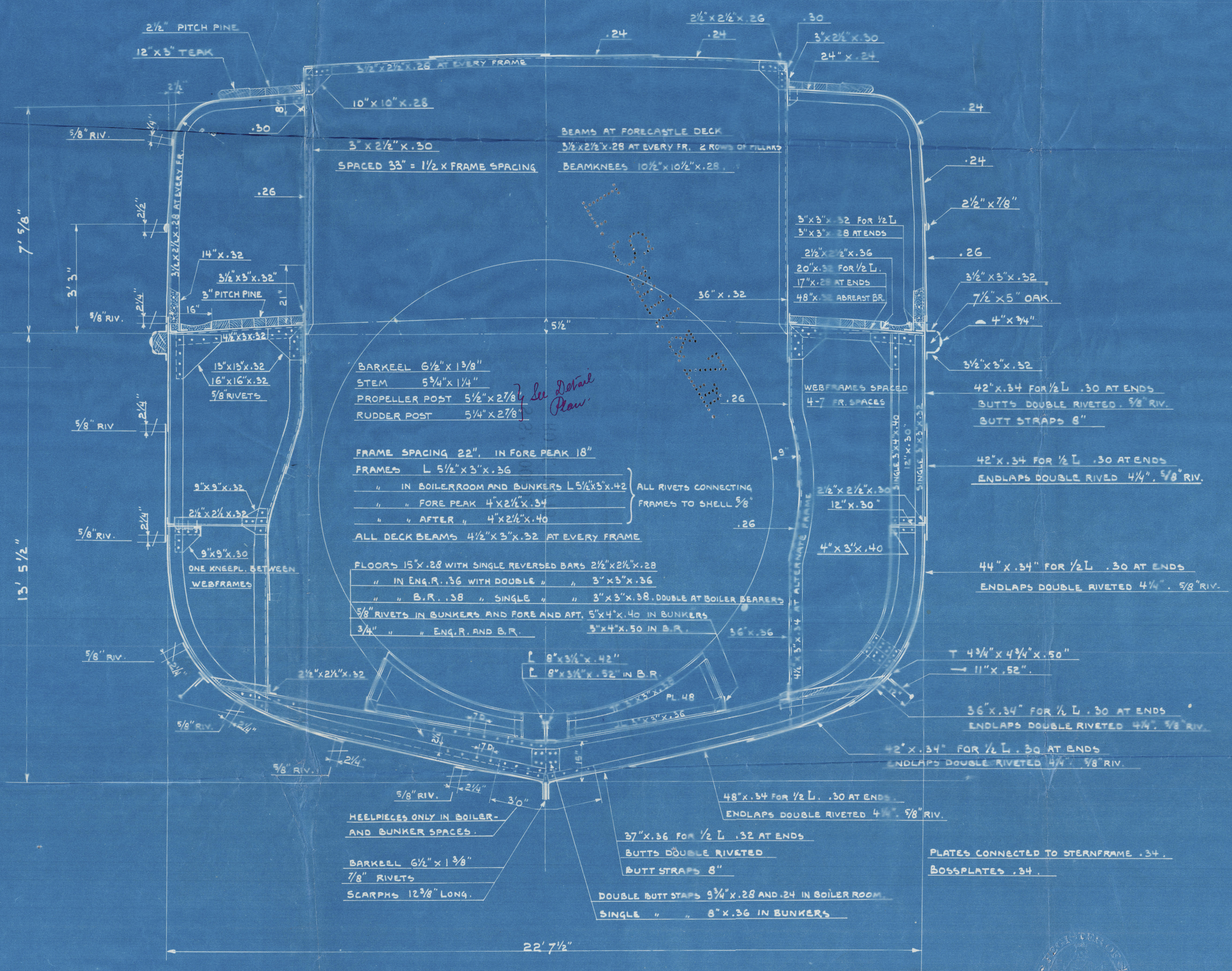
3 STOCKLESS BOWER ANCHORS	7 CWTS.
1 " " "	4 "
1 KEDGE ANCHOR (INCL. STOCK)	2½ "
210 FATHOMS 1⅛" STUDLINK CHAIN.	
1 HAWSER 60 FATHOMS STEEL WIRE	2½".
2 " 60 " MANILLA	5".

DIMENSIONS:

LENGTH B.P.P.	120'6".
BREADTH MLD.	22'7½".
DEPTH " .	13'5½".

SCALE 1:25.

1st LN = 120,5' x 13,46' = 1622.
2nd LN = 120,5' x (22,625' + 13,46') = 4348.
$\frac{L}{D}$ = 120,5' : 13,46' = 8,95.
B = 22,625'
D = 13,46'
d = 13,46' − 1,25 = 12,21'.
EQUIPMENT NUMBER = 2nd LN = 4348.


2½" PITCH PINE
12"x3" TEAK
3½"x2½"x.28 AT EVERY FRAME
10"x10"x.28
.30
3"x2½"x.30
SPACED 33" = 1½ x FRAME SPACING
.24
.24
2½"x2½"x.26
.30
3"x2½"x.30
24"x.24
BEAMS AT FORECASTLE DECK
3½"x2½"x.28 AT EVERY FR. 2 ROWS OF PILLARS
BEAMKNEES 10½"x10½"x.28.
.24
.24
2½"x⅞"
3"x3"x.32 FOR ½L
3"x3"x.28 AT ENDS
.26
2½"x2½"x.36
20"x.32 FOR ½L.
17"x.28 AT ENDS
48"x.32 ABREAST BR.
36"x.32
3½"x3"x.32
7½"x5" OAK.
4"x¾"
3½"x3"x.32
5/8" RIV.
2½"
¼"
3½"x2½"x.28 AT EVERY FR.
.26
7' 5/8
3'3"
2½"
2¼"
14"x.32
3½"x3"x.32"
3" PITCH PINE
16"
21"
5/8" RIV.
4½"x3x.32
13"x13"x.32
16"x16"x.32
5/8" RIVETS
5½"
5/8" RIV
2¼"
9"x9"x.32
2½"x2½x.32
5/8" RIV.
2¼"
9"x9"x.30
ONE KNEEPL. BETWEEN WEBFRAMES
13' 5½
5/8" RIV.
2¼"
2½"x2½"x.32
5/8" RIV.
2¼"
5/8" RIV.
2¼"
.26
9"
WEBFRAMES SPACED 4-7 FR. SPACES
SINGLE 3"x4"x.40
12"x.30"
SINGLE 3"x3"x.32
2½"x2½"x.30
12"x.30"
.26
4"x3"x.40
4½"x3"x.34 AT ALTERNATE FRAME
36"x.36
42"x.34 FOR ½L .30 AT ENDS
BUTTS DOUBLE RIVETED. 5/8" RIV.
BUTT STRAPS 8"
42"x.34 FOR ½L .30 AT ENDS
ENDLAPS DOUBLE RIVED 4¼". 5/8" RIV.
44"x.34" FOR ½L .30 AT ENDS
ENDLAPS DOUBLE RIVETED 4¼". 5/8" RIV.
T 4¾"x4¾"x.50"
11"x.52".
12"
36"x.34" FOR ½L .30 AT ENDS
ENDLAPS DOUBLE RIVETED 4¼". 5/8" RIV.
42"x.34" FOR ½L .30 AT ENDS
ENDLAPS DOUBLE RIVETED 4¼". 5/8" RIV.
L 8"x3½"x.42"
L 8"x3½"x.52" IN B.R.
PL. 48
3"x3"x.38
3"x3"x.36
7D
2½
7D
15"
3'0"
5/8" RIV.
2¼"
HEELPIECES ONLY IN BOILER- AND BUNKER SPACES.
BARKEEL 6½"x1⅜"
⅞" RIVETS
SCARPHS 12⅜" LONG.
48"x.34 FOR ½L. .30 AT ENDS.
ENDLAPS DOUBLE RIVETED 4¼". 5/8" RIV.
37"x.36 FOR ½L .32 AT ENDS
BUTTS DOUBLE RIVETED
BUTT STRAPS 8"
DOUBLE BUTT STAPS 9¾"x.28 AND .24 IN BOILER ROOM.
SINGLE " " 8"x.36 IN BUNKERS
PLATES CONNECTED TO STERNFRAME .34.
BOSSPLATES .34.
22' 7½"

BARKEEL	6½"x1⅜"
STEM	5¾"x1¼"
PROPELLER POST	5½"x2⅞"
RUDDER POST	5¼"x2⅞"

See Detail Plan.

FRAME SPACING 22". IN FORE PEAK 18"
FRAMES L 5½"x3"x.36
" IN BOILERROOM AND BUNKERS L 5½"x3"x.42
" " FORE PEAK 4"x2½"x.34
" " AFTER " 4"x2½"x.40
ALL RIVETS CONNECTING FRAMES TO SHELL 5/8"
ALL DECK BEAMS 4½"x3"x.32 AT EVERY FRAME

FLOORS 15"x.28 WITH SINGLE REVERSED BARS 2½"x2½"x.28
" IN ENG.R. .36 WITH DOUBLE " " 3"x3"x.36
" " B.R. .38 " SINGLE " " 3"x3"x.38. DOUBLE AT BOILER BEARERS
5/8" RIVETS IN BUNKERS AND FORE AND AFT. 5"x4"x.40 IN BUNKERS
3/4" " " ENG.R. AND B.R. 5"x4"x.50 IN B.R.

LLOYD'S REGISTER OF SHIPPING HOLLAND

SCHIP Nº 829.
CALQUE Nº 2667.
BL.DRUK Nº 2020.

JK. 10-12-'26.

C.A. Millar
23/12/26

009/39-009143-0089

Messrs L. Smit Zoon

Yard No. 829.

Sternframe & Rudder

S.S. "NOORDZEE"

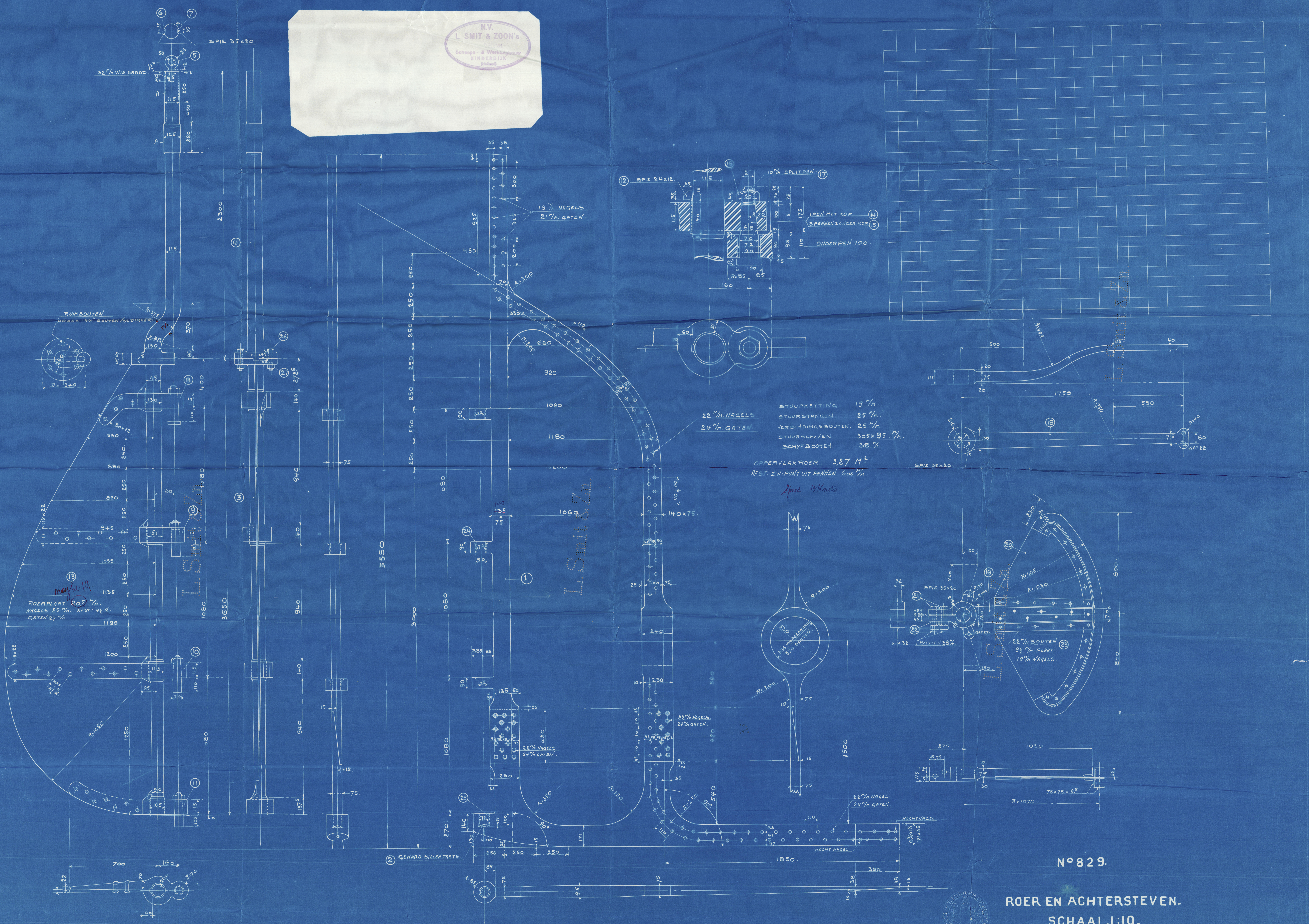
ROTT. 16715.

London

~~GEN. BOX No 820~~

009139-009143-0088

N.V.
L. SMIT & ZOON's
DEC. 26.
Scheeps- & Werktuigbouw
KINDERDIJK
(Holland)


SPIE 35×20
32 m/m W.W. DRAAD
RUIMBOUTEN.
DRAAD 1 3/8" BOUTEN 1/32 DIKKER
80×22.
115×22.
19 m/m NAGELS
21 m/m GATEN.
22 m/m NAGELS
24 m/m GATEN.
140×75.
22 m/m NAGELS
24 m/m GATEN.
22 m/m NAGEL
24 m/m GATEN
HECHTNAGEL
HECHT NAGEL
② GEHARD STALEN TAATS
5550
3650
3000
⑫ SPIE 24×12.
10 m/m SPLITPEN ⑰
1 PEN MET KOP ⑭
3 PENNEN ZONDER KOP ⑮
ONDERPEN 100.
SPIE 35×20.
BOUTEN 38 m/m.
GAT 27.
22 m/m BOUTEN ㉓
9½ m/m PLAAT.
19 m/m NAGELS.
75×75×9½
R=1070
R=1105
R=1030
GAT 28.

ROERPLAAT 20,5 m/m.
NAGELS 25 m/m. AFST: 4½ d.
GATEN 27 m/m.

maybe 19.

STUURKETTING.	19 m/m.
STUURSTANGEN.	25 m/m.
VERBINDINGSBOUTEN.	25 m/m.
STUURSCHYVEN	305×95. m/m.
SCHYFBOUTEN.	38 m/m

OPPERVLAKROER. 3,27 M².
AFST: ZW: PUNT UIT PENNEN 600 m/m.

Speed 10 Knots.

N°829.

ROER EN ACHTERSTEVEN.

SCHAAL. 1:10.

CALQUE. 2669.
BL: DRUK.

LLOYD'S REGISTER OF SHIPPING HOLLAND

C A Millar
22/12/26

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009139-009143-0022